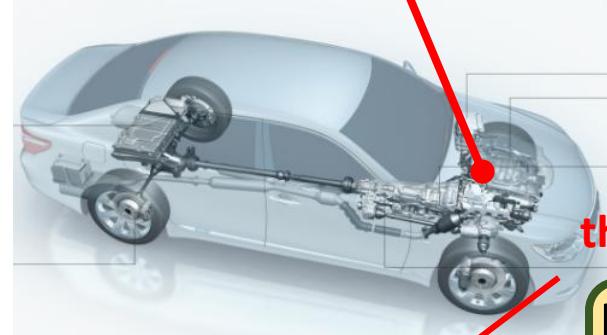
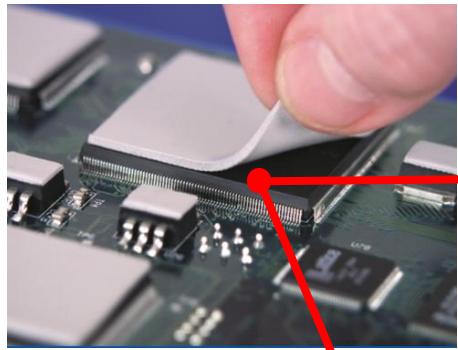


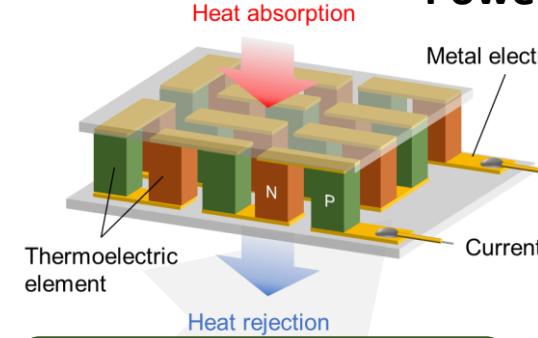
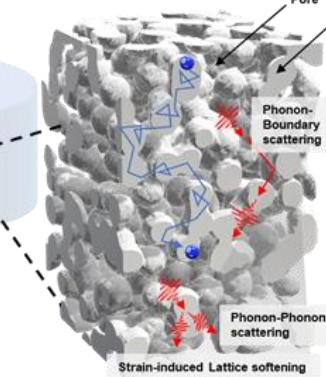
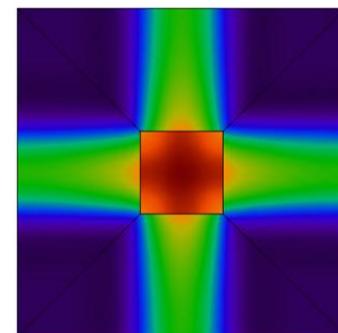
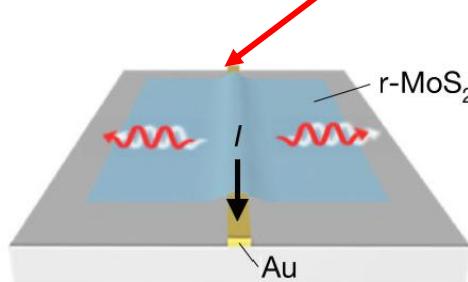
Thermal management



High thermal conductivity

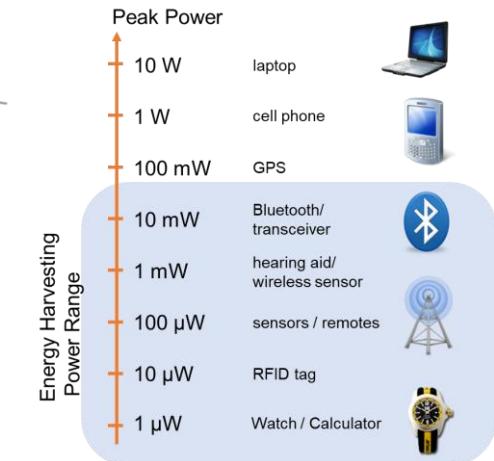
Anisotropic thermal conductivity

Low thermal conductivity



thermoelectric

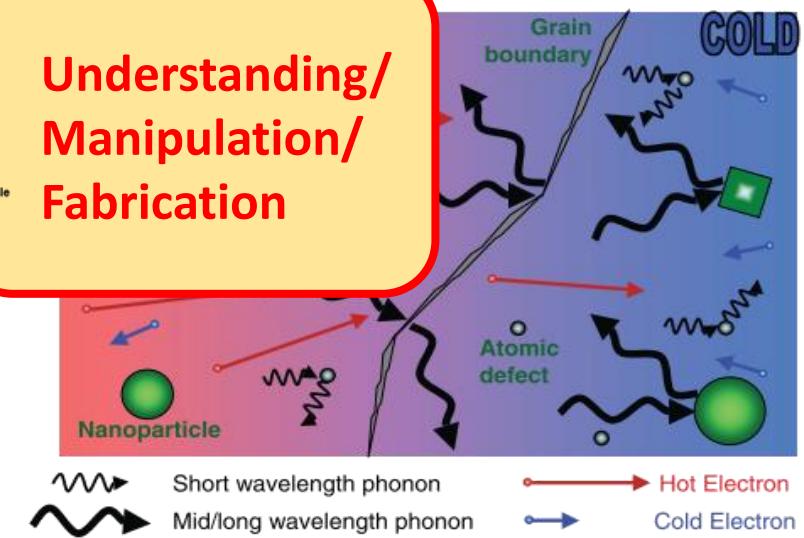
Powering/Cooling



Internet of Things: <https://ja.wikipedia.org>

Phonon engineering

Understanding/
Manipulation/
Fabrication



Insulation/Thermal routing/Thermoelectric

Adv. Mater., 22, 3970–3980 (2010)